## (12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization

International Bureau



# 

(43) International Publication Date 3 March 2005 (03.03.2005)

PCT

## (10) International Publication Number WO 2005/018611 A1

(51) International Patent Classification7:

A61K 9/14

(21) International Application Number:

PCT/BE2004/000121

(22) International Filing Date: 25 August 2004 (25.08.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

0319797.7

26 August 2003 (26.08.2003)

(71) Applicant (for all designated States except US): K.U. LEUVEN RESEARCH & DEVELOPMENT [BE/BE]; Groot Begijnhof 59, B-3000 Leuven (BE).

(72) Inventors; and

- (75) Inventors/Applicants (for US only): VAN DEN MOOTER, Guy [BE/BE]; Lostraat 69, B-3212 Pelleberg (BE). MARTENS, Johan [BE/BE]; Borheidestraat 25, B-3040 Huldenberg (BE). NUYENS, Jan [BE/BE]; Vredelaan 10, B-2350 Vosselaar (BE).
- (74) Agents: BIRD, William, E. et al.; Bird Goën & Co, Klein Delenstraat 42 A, B-3020 Winksele (BE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

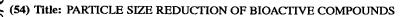
### Declaration under Rule 4.17:

of inventorship (Rule 4.17(iv)) for US only

#### Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.



(57) Abstract: The invention provides a method for reducing the average size of biologically active compound particles or agglomerates suspended in a fluid by flowing one or more times said fluid having biologically active compound particles or agglomerates suspended therein through one or more magnetic fields to reduce the average size of a substantial portion of the biologically active compound particles or agglomerates by at least 25 %. This method may be incorporated into a process for manufacturing a 10 biologically active compound formulation.

